




**DEPARTMENT OF THE NAVY**  
NORTHERN DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
10 INDUSTRIAL HIGHWAY  
MAIL STOP, #82  
LESTER, PA 19113-2090

N96095.AR.000398  
NWIRP CALVERTON NY  
5090.3a

  
~~13.01.00-10039~~

IN REPLY REFER TO

5090

Code 1821/JC

31 Jan 2000

**MEMORANDUM**

**FOR THE MEMBERS OF THE RESTORATION ADVISORY BOARD (RAB) FOR THE INSTALLATION RESTORATION PROGRAM AT NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP) CALVERTON, NEW YORK**

Enclosed is the Navy's Draft Letter Workplan to conduct additional testing at IR Site 7 - Fuel Depot to determine if conditions are present to allow for the natural biodegradation of site contaminants through Monitored Natural Attenuation (MNA).

Recently, correspondence from the U.S. EPA has recognized MNA as a viable technology that can be used to achieve site-specific remedial objectives within timeframes that sometimes are more reasonable compared to other methods. Similarly, the Department of Navy has issued policy guidance requiring that MNA be considered as a remedial action alternative at IR sites requiring remediation under CERCLA or RCRA authorities. Further, MNA must be considered as a candidate remedy for groundwater plumes either alone or in combination with other active engineering measures especially at sites where the primary site contaminant is petroleum hydrocarbons.

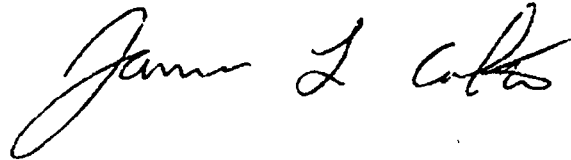
The Navy would like to evaluate MNA as a viable remedial alternative, per the above Navy guidance, in the upcoming Corrective Measures Study for Site 7. However, before this technology can be evaluated, it must be determined if site conditions are right to promote the natural biodegradation of the petroleum hydrocarbons that are present in groundwater at Site 7. The enclosed workplan will explain the steps being proposed by the Navy to make such a determination.

The Navy will also be sampling all groundwater monitoring wells at Site 7 for VOCs so that the most recent site data can be used to evaluate different remedial technologies. The latest analytical data will also be used during design of the chosen remedy(ies).

Finally, groundwater beneath Site 7 will also be sampled for methyl tertiary-butyl ether, better known as MTBE, in light of recent concerns that have surfaced regarding the presence of this contaminant in groundwater beneath gasoline stations throughout the country. The Navy wants to determine if MTBE is present in groundwater beneath Site 7 due to this area's historic use as a fuel depot and gasoline station for the former NWIRP Calverton facility.

If you have any questions or would like to discuss the enclosed document further, please give me a call me at (610) 595-0567, extension 163.

Sincerely,



JAMES L. COLTER  
Remedial Project Manager  
By direction of the  
Commanding Officer

Enclosure: (1) Natural Attenuation Letter Workplan for Site 7

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